



# MATERIAL SAFETY DATA SHEET

## GLB Small 1 inch Tablets

### 1. Product And Company Identification

#### Supplier

**GLB**  
**1400 Bluegrass Lakes Parkway**  
**Alpharetta, GA 30004 United States**

Telephone Number: (770)521-5999

FAX Number: (770)521-5959

Web Site: www.poolspacare.com

#### Manufacturer

**Advantis Technologies, Inc.**  
**1400 Bluegrass Lakes Parkway**  
**Alpharetta, GA 30004 United States**

Telephone Number: (770) 521-5999

FAX Number: (770) 521-5959

Web Site: www.poolspacare.com

#### Supplier Emergency Contacts & Phone Number

**CHEMTREC - DAY OR NIGHT: (800) 424-9300**

#### Manufacturer Emergency Contacts & Phone Number

**CHEMTREC - DAY OR NIGHT: (800) 424-9300**

Issue Date: 03/29/2006

Product Name: GLB Small 1 inch Tablets

Chemical Name: Trichloro-s-Triazine-Trione

CAS Number: Not Established

Chemical Family: Chlorinated Isocyanurates

Chemical Formula: C<sub>3</sub>N<sub>3</sub>O<sub>3</sub>Cl<sub>3</sub>

MSDS Number: 52

### 2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
TRICHLOROISOCYANURICACID	87-90-1	

Ingredients listed in this section have been determined to be hazardous as defined in 29CFR 1910.1200. Materials determined to be health hazards are listed if they comprise 1% or more of the composition. Materials identified as carcinogens are listed if they comprise 0.1% or more of the composition. Information on proprietary materials is available in 29CFR 1910.1200(i)(1).

### EMERGENCY OVERVIEW

White granular solid or tablet-form product  
 Oxidizer  
 Corrosive to eyes, skin and mucous membranes.  
 Harmful by inhalation and if swallowed.

### 3. Hazards Identification

#### Primary Routes(s) Of Entry

Skin Contact, Inhalation

#### Eye Hazards

Irritant, severe eye.

#### Skin Hazards

Dermal exposure can cause severe irritation and/or burns characterized by redness, swelling, and scab formation.

#### Ingestion Hazards

Irritation and/or burns can occur to the entire gastrointestinal tract, including the stomach and intestines, characterized by nausea, vomiting, diarrhea, abdominal pain, bleeding and/or tissue ulceration. Ingestion causes

# MATERIAL SAFETY DATA SHEET

## GLB Small 1 inch Tablets

### 3. Hazards Identification - Continued

#### Ingestion Hazards - Continued

severe damage to the gastrointestinal tract with the potential to cause perforation.

#### Inhalation Hazards

Causes respiratory tract irritation.

#### Signs And Symptoms

Irritation of Eyes and Respiratory Passages

#### Conditions Aggravated By Exposure

Asthma, Respiratory and Cardiovascular Disease

### First Aid (Pictograms)



### 4. First Aid Measures

#### Eye

In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 20 minutes. Get medical attention immediately.

#### Skin

In case of contact, immediately flush skin with plenty of water. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.

#### Ingestion

Drink large amounts of water. Avoid Alcohol. Do not induce vomiting. Contact a physician or poison control.

#### Inhalation

If inhaled, remove to fresh air.

#### Note To Physician

Corrosive

In case of ingestion DO NOT induce vomiting. No specific antidote. Treat symptomatically and supportively.

### Fire Fighting (Pictograms)



### 5. Fire Fighting Measures

Flash Point: n/a °F

Flammability Class: NOT FLAMMABLE

#### Fire And Explosion Hazards

SMALL QUANTITIES OF WATER WILL REACT WITH THIS PRODUCT TO FORM HAZARDOUS AMOUNTS OF NITROGEN TRICHLORIDE(VIOLENT EXPLOSIVE)

#### Extinguishing Media

In case of fire, soak (flood) with water. CAUTION DO NOT USE DRY CHEMICAL CONTAINING AMMONIA COMPOUNDS

#### Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear.

# MATERIAL SAFETY DATA SHEET

## GLB Small 1 inch Tablets

### 5. Fire Fighting Measures - Continued

#### Fire Fighting Instructions - Continued

### 6. Accidental Release Measures

Clean up spill immediately. Complete cleanup on dry basis if possible. Use appropriate personal protective equipment (PPE). Use appropriate containers to avoid environmental contamination. Spills greater than 100 pounds constitute a reportable quantity by the US EPA

### Handling & Storage (Pictograms)



### 7. Handling And Storage

#### Handling And Storage Precautions

**Keep out of reach of children.** Store material in a cool and dry place. Do not reuse container

#### Storage Precautions

Keep out of reach of children. Store in a cool dry place. Do not Reuse container. Keep away from other types of chlorinating compounds and organic material. **KEEP AWAY FROM AMMONIA AND AMMONIA COMPOUNDS.** Do not store above 60C/140F.

#### Work/Hygienic Practices

Use safe chemical handling procedures suitable for the hazards presented by this material.

### Protective Clothing (Pictograms)



### 8. Exposure Controls/Personal Protection

#### Engineering Controls

Use with adequate general and local exhaust ventilation.

#### Eye/Face Protection

Safety glasses with side shields or goggles.

#### Skin Protection

Chemical-resistant gloves.

#### Respiratory Protection

When dusty conditions are encountered, wear a NIOSH/OSHA full-face respirator with chlorine cartridges for protection against chlorine gas and dust/mist pre-filter.

Wear Long Sleeves

### 9. Physical And Chemical Properties

#### Appearance

White tablet or stick

#### Odor

Chlorine

# MATERIAL SAFETY DATA SHEET

## GLB Small 1 inch Tablets

### 9. Physical And Chemical Properties - Continued

#### **Odor - Continued**

Chemical Type: Mixture

Physical State: Solid

Melting Point: Not applicable °F

Boiling Point: Not applicable °F

Specific Gravity: >1

Molecular Weight: NOT DETERMINED

Vapor Pressure: Not applicable

Vapor Density: Not applicable

pH Factor: 2.7-2.9 At a Concentration Of 1% solution

Evaporation Rate: Not Applicable

### 10. Stability And Reactivity

Stability: STABLE

Hazardous Polymerization: WILL NOT OCCUR

#### **Conditions To Avoid (Stability)**

THERMAL DECOMPOSITION MAY PRODUCE CHLORINE AND OTHER TOXIC GASES

#### **Incompatible Materials**

Reducing agents and Oxidizers, Nitrogen containing compounds, Calcium hypochlorite, Alkalies, Acids, Bases

#### **Hazardous Decomposition Products**

Chlorine gas

#### **Conditions To Avoid (Polymerization)**

Water on product while in container. Humidity

### 11. Toxicological Information

#### **Eye Effects**

Corrosive

#### **Skin Effects**

Corrosive

#### **Acute Oral Effects**

Rat Oral LD50: 490 mg/kg

#### **Acute Inhalation Effects**

Rat inhalation: Approx. 0.68 mg/l/4 hour - (nose only)

#### **Chronic/Carcinogenicity**

Not known to be a carcinogen.

Not classified by IARC, OSHA, EPA.

Not included in NTP 10th Report on Carcinogens.

#### **Reproductive Effects**

There are no known or reported effects on reproductive function or fetal development. Toxicological investigation indicates it does not effect reproductive function of fetal development.

#### **Mutagenicity (Genetic Effects)**

Not mutagenic in five Salmonella strains and one E.coli strain with or without mammalian microsomal activation.

### 12. Ecological Information

#### **Acute Toxicity - Fish And Invertebrates**

96 hour-LC50, Fish: 0.32 mg/l (Rainbow trout)

0.30 mg/l (bluegill sunfish)

# MATERIAL SAFETY DATA SHEET

## GLB Small 1 inch Tablets

### 12. Ecological Information - Continued

#### Acute Toxicity - Fish And Invertebrates - Continued

96 hour-LC50, Daphnia magna: 0.21 mg/l

#### Acute And Dietary Toxicity - Birds

Oral LD50, Mallard duck: 1600 mg/kg

Dietary LC50, Mallard duck: >10,000 ppm

Dietary LC50, Bobwhite quail: 7422 ppm

### 13. Disposal Considerations

Refer to applicable local, state and federal regulations as well as industry standards.

### 14. Transport Information

#### Proper Shipping Name

TRICHLOROISOCYANURIC ACID DRY

#### Hazard Class

5.1, PG II (<=1kg Consumer Commodity ORM-D)

#### DOT Identification Number

UN2468

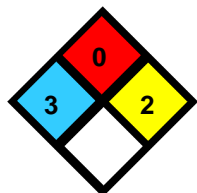
### 15. Regulatory Information

#### Canadian Regulatory Information

Class C - Oxidizing Material

Class D, Div 2b - Poisonous or Infectious Material: other toxic effects,

#### NFPA



#### HMIS

HEALTH	3
FLAMMABILITY	0
REACTIVITY	2
PERSONAL PROTECTION	B

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: JHW

This MSDS Supersedes A Previous MSDS Dated: 07/26/2000

#### Disclaimer

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purposes(s).

GLB